

**San Juan Creek (901.250 to 901.280) – 303(d) Fact Sheet
County of Orange NPDES Annual Progress Report**

294

San Juan Creek should not be listed at this time based on this data.

Watershed Characteristics

San Juan Creek is a 14.2 mile waterway in the San Juan Watershed of Region 9. It is classified inland surface water with the following beneficial uses: AGR, IND, REC1, REC2, WARM, COLD and WILD¹.

Water Quality Objectives not Obtained

Region 9 Basin Plan¹ standards for pH, ammonia (NH₃) and phosphate (PO₄) were exceeded. The secondary maximum contaminant level² of 900µhmos for electrical conductivity was also exceeded.

Evidence of Impairment

Basin plan standards for pH, NH₃ and PO₄ were also exceeded in no more than 7% of the samples. The electrical conductivity standard of 900µhmos² was exceeded for 13 of 29 total samples. See Table '1 for standards and number of exceedances.

Extent of Impairment

There is too little impairment to estimate spatial extent.

Potential Sources

Unknown

TMDL Priority

No TMDL is required at this time.

Notes

The high electrical conductivity is indicative of excess ions in the waters. This alone is not enough for focused concern at this time. Since NH₃ and PO₄ concentrations did exceed standards on one occasion each, it could explain the excess ions in the water. Nutrient levels should continue to be monitored.

Information Sources

¹ Water Quality Control Plan for the San Diego Basin (9), 1994
² State of California, 2001. California Code of Regulations, TITLE 22. Social Security Division 4. Environmental Health Chapter 15. Domestic Water Quality and Monitoring Regulations, Articles 4 and 16.

San Juan Creek

See Folder from J. Haas

Co of Orange NPDES Permit Report